

**WHAT IS CLAIMED IS:**

1. A connector, comprising:
  - an insertion terminal having a first side formed with an insertion end and a second side formed with a receiving space connecting to the insertion end;
  - a connecting member mounted on the insertion terminal and including a quick connector inserted into the receiving space of the insertion terminal, and a plurality of insertion posts each having a first end connected to a distal end of the quick connector;
- 10 a plurality of connecting tubes each having a first end mounted on a second end of a respective one of the insertion posts of the connecting member; and
  - a plurality of optical fiber cables each having an end mounted on a second end of a respective one of the connecting tubes and each contacting with the second end of a respective one of the insertion posts of the connecting member.
- 15 2. The connector in accordance with claim 1, wherein each of the optical fiber cables is co-axial with a respective one of the insertion posts of the connecting member.
- 20 3. The connector in accordance with claim 1, wherein the first end of each of the connecting tubes is formed with a first insertion hole for insertion of the second end of a respective one of the insertion posts of the connecting

member, and the second end of each of the connecting tubes is formed with a second insertion hole for insertion of a respective one of the optical fiber cables.

4. The connector in accordance with claim 3, wherein the first  
5 insertion hole of each of the connecting tubes is co-axial with the second  
insertion hole.

5. The connector in accordance with claim 3, wherein the first  
insertion hole of each of the connecting tubes has a diameter different from that  
of the second insertion hole.

10 6. The connector in accordance with claim 3, wherein the first  
insertion hole of each of the connecting tubes has a diameter the same as that of  
the second insertion hole.

7. The connector in accordance with claim 1, wherein the connecting  
tubes have different sizes.

15 8. The connector in accordance with claim 1, wherein the connecting  
tubes have the same size.

9. The connector in accordance with claim 1, wherein each of the  
insertion posts of the connecting member is protruded outward from the  
receiving space of the insertion terminal.

20 10. The connector in accordance with claim 1, wherein each of the  
insertion posts of the connecting member has a cylindrical shape.

11. The connector in accordance with claim 1, wherein the connecting member further includes a plurality of connecting portions each having a first end connected to the distal end of the quick connector and a second end connected to the first end of a respective one of the insertion posts.

5        12. The connector in accordance with claim 11, wherein each of the connecting portions of the connecting member is protruded outward from the receiving space of the insertion terminal.

10      13. The connector in accordance with claim 1, further comprising a plurality of protective jackets each mounted on an outer wall of a respective one of the connecting tubes.

14. The connector in accordance with claim 11, wherein each of the connecting tubes is co-axial with a respective one of the insertion posts of the connecting member.